

<b>COURSE MODULE</b>			
<b>Course No. CE 45: Special Course on UTV,RBMV and MDU</b>			
<b>Duration: 1Week</b>			
<b>Effective Days:06</b>			
<b>CM No.</b>	<b>Subjects wise Contents</b>	<b>Periods</b>	<b>Total Periods</b>
<b>45.1</b>	<b>Electrical &amp; Electronics:</b>		<b>8</b>
	Engine Circuit of UTV,RBMV & MDU	2	
	Electronic Circuit of UTV & Troubleshooting.	2	
	Electronic Circuit of RBMV & Troubleshooting	2	
	Electronic Circuit of MDU & Troubleshooting	2	
<b>45.2</b>	<b>Hydraulics &amp; Mechanical:</b>		<b>8</b>
	Working & Construction of Pump, motor, Various types' valve & Troubleshooting.	2	
	Study of Hydraulic Circuit of UTV.	2	
	Study of Hydraulic Circuit of RBMV.	2	
	Study of Hydraulic Circuit of MDU	2	
<b>45.3</b>	<b>I.C. Engine:</b>		<b>4</b>
	Construction, Working Principle, Main Systems & Troubleshooting	2	
	Maintenance Schedule / Steps & Troubleshooting.	2	
<b>45.4</b>	<b>UTV:</b>		<b>12</b>
	Main features main units and their function, Technical data and working principle.	2	
	Maintenance Schedule & Troubleshooting	2	
	<b>RBMV:</b>		
	Main features main units and their function, Technical data and working principle.	2	
	Maintenance Schedule & Troubleshooting	2	
	<b>MDU:</b>		
	Main features main units and their function, Technical data and working principle.	2	
Maintenance Schedule & Troubleshooting	2		
<b>45.5</b>	<b>Introduction and Valediction</b>	2	<b>2</b>
	<b>Total</b>	<b>34</b>	<b>34</b>

**Note: 1. Eligibility: SSE/SE/JE and Technicians preferably with Diploma/ITI or at least having working knowledge of English/Hindi.**

**2. Practical demonstration in Model rooms shall be given along with theoreticals as and when required.**